

Converting Colors

Android(4287913419)

Have a look what the booklet for
Android(4287913419) contains.

Android(4287913419)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4287913419)

Conversions

Conversions Part 1

Format	Color
Hex	945DCB
RGB	148, 93, 203
RGB Percent	58%, 36%, 80%
CMY	0.4196, 0.6353, 0.2039
CMYK	0.27, 0.54, 0.00, 0.20
HSL	270°, 51%, 58%
HSV	270°, 54%, 80%
XYZ	26.9066, 18.4364, 58.6404
YIQ	121.9850, -2.5300, 45.8700

Conversions

Conversions Part 2

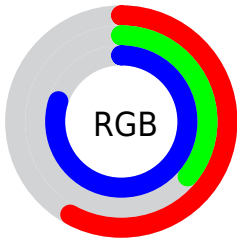
Format	Color
R_{YB}	148, 93, 203
Decimal	9723339
CIE _{Lab}	50.02, 43.73, -48.89
CIE _{LCh}	50, 65.595, 311.811
Y _{xy}	18.4364, 0.2588, 0.1773
Android (android.graphics.Color)	4287913419 (0xFF945DCB)
YUV	121.9850, 39.9404, 22.8152
Hunter-Lab	42.9376, 36.7150, -50.9166

Details

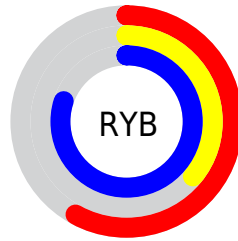
The Android color `4287913419` is a dark color, and the websafe version is hex `9966CC`. The color can be described as middle muted purple. A complement of this color would be `4287941469`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4291662335`, and `4284296084` is the 20% darker color. If you saturate the color by 10%, you get `4287252939`, and if you desaturate by 10%, it is `4288573899`.

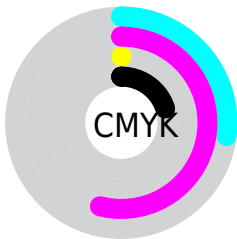
Distribution



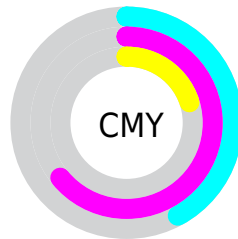
- Red (58%)
- Green (36%)
- Blue (80%)



- Red (58%)
- Yellow (36%)
- Blue (80%)



- Cyan (27%)
- Magenta (54%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (64%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287913419 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4287913419 by changing the saturation by 10% instead.

 4287913419

 4287913419

4294967295

 4286137519

 4291662335

 4284296084

 4293569791

 4282585722

 4294953215

 4280746080

 4294960383

 4279173192

 4278190896

 4278190363

 4278190080

 4287913419

 4287913419

4287252939

4288573899

4286592203

4289234635

4285931723

4289895115

4285205707

4290621131

4284874955

4291281867

4291942347

4292602827

4293263307

4293918667

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278220517



4287913419



4291313819

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4287913419



4289423360



4278227084

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4287913419



4287941469

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278226514



4287913419



4286282496

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4287913419



4291579182



4282026005



4278226625

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4287913419



4292294262



4282026005



4278227065

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4287913419



4293646079



4284323019



4285753216



4278190080



4286611584

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4287913419



4289485311



4291517899



4284570726



4283629734



4279435302

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4291517844



4294924716



4284336989



4284898401



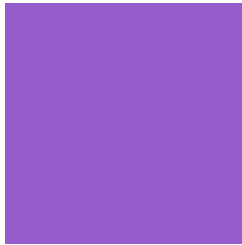
4289069139



4280680467

Previews

White Background



This preview shows how the Android color 4287913419 looks on a white background.

Color Contrast Check

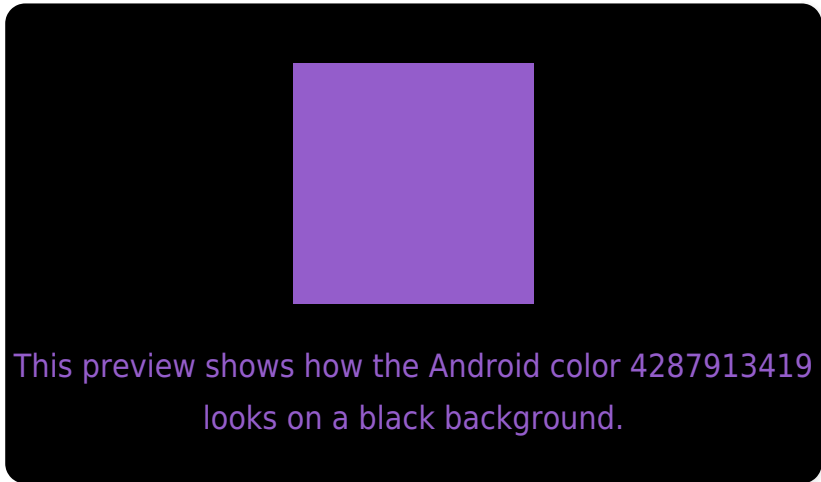
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4287913419 Background



This preview shows how black text looks on a background with the Android color 4287913419.




This preview shows how white text looks on a background with the Android color 4287913419.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



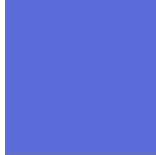


Tritanopia
4287001210

Trichromacy



Original Color
4287913419



Protanomaly
4284181721



Deuteranomaly
4284575431



Tritanomaly
4287326871

Monochromacy



Original Color
4287913419



Achromatopsia
4286216826



Achromatomaly
4286803863

CSS Examples

Text

The CSS property to change the color of the text to Android 4287913419 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(148, 93, 203)` looks like.

```
.text, #text, p{  
    color:rgb(148, 93, 203)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(148, 93, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 93, 203) }
```

Border

The CSS property to change the border of an element to Android 4287913419 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 93, 203) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(148, 93, 203) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(148, 93, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 93, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 93, 203);  
box-shadow:4px 4px 4px 4px rgb(148, 93,  
203) }
```

Background

The CSS property to change the background color of an element to Android 4287913419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 93, 203) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(148, 93,  
203) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor